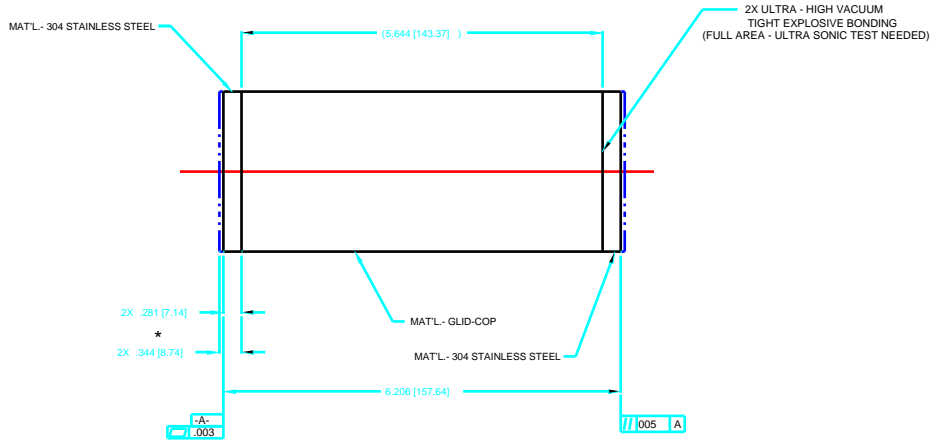
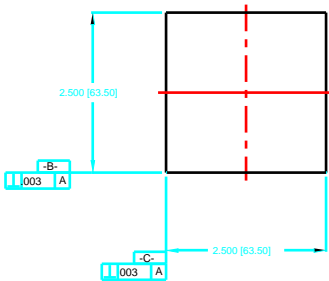


(D)	PLOT SCALE: 1=1	DWG. SCALE: 1	A24716A0
-----	-----------------	---------------	----------



- NOTES:
1. WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:
A) CIMCOOL 5 STAR 49
B) TRIM SOL
 2. CERTIFICATION OF ULTRA SONIC TEST AND VACUUM EXAMINATION SHALL BE SIGNED BY A CONTRACTOR REPRESENTATIVE AUTHORIZED TO SIGN SUCH CERTIFICATION
 3. KEEP THE ASSEMBLY CLEAN, AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
 4. DIMENSIONS IN [] ARE MILLIMETERS AND FOR REF. ONLY

* DIMENSION BEFORE MACHINING

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE

ITEM		DWG/PART NUMBER		NOMENCLATURE OR DESCRIPTION		MATERIAL / SPEC		QTY	
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES TOLERANCES: DECIMALS ANGULARS X - .001 (25.4) X.X - .01 (2.54) X.XX - .005 (0.127) SURFACE ROUGHNESS 125 REMOVE ALL BURRS AND BREAK SHARP EDGES (R.04) SURFACE TEXTURE TO BE IN ACCORDANCE WITH MIL-STD-19E-1 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5									
LOG NUMBER		A24716A0		THIS DRAWING IS THE PROPERTY OF		ARGONNE NATIONAL LABORATORY			
DRAWN BY		MUSCIA		DATE		5/31/96		D. SHU	
CHECKED BY		D. SHU		DATE		6/4/96		T.M. KUZAY	
DESIGNER		SHU/MUSCIA		DATE		5/31/96		PROJECT MGR.	
RESPONSIBLE ENGINEER		D. SHU		DATE		6/4/96		APPROVED/RELEASED	
MATERIAL		SEE ABOVE		SCALE		1:1		SHEET 1-2	
DO NOT SCALE DRAWING				TITLE		ADVANCED PHOTON SOURCE M4-30 APS 2mm X 3mm WATER COOLED FIXED MASK MAIN BODY			
				DRAWING NUMBER		P4105091004-300001-00			